

CLAIMS

What is claimed is:

1. A mounting system for a flat-panel display in a folding top cover of a portable computer, the mounting system comprising means on side walls of the flat-panel display that are adapted to mount it in the top cover.
5. A mounting system for a flat-panel display in a folding top cover of a portable computer, the mounting system comprising lateral mounting members extending from the top cover to engage side walls of the flat-panel display.
10. The mounting system described in Claim 2, wherein the mounting members also extend through a side wall of the top cover.
15. The mounting system described in Claim 2, wherein the lateral mounting members comprise bolts that engage bosses in the flat-panel display.
20. The mounting system described in Claim 2, wherein the top cover comprises a plastic back, pivotal couplings connecting the top cover to a base unit, and at least one metal bracket that extends from the pivotal couplings, the lateral mounting members engaging the metal bracket and the plastic back.

6. The mounting system described in Claim 5, wherein the lateral mounting members comprise bolts that pass through the bracket and the plastic back to engage bosses in the flat-panel display.

5 7. The mounting system described in Claim 5, wherein the back does not substantially contribute to the rigidity of the top cover.

8. The mounting system described in Claim 2, wherein the flat-panel display comprises: a display panel, a display rim extending around a perimeter of the display, and a display back, the lateral mounting members comprising bolts that engage bosses in the display back of the flat-panel display, behind the rim.

10 15 9. A folding top cover for a portable computer, the top cover comprising:
pivotal couplings that connect the top cover to a base unit;
metal brackets that extend from the pivotal couplings;
a flat-panel display held between the metal brackets; and
a plastic back behind the metal brackets and extending around the flat-panel display.

20 25 10. The folding top cover described in Claim 9, further comprising mounting members engaging the flat-panel display, metal brackets, and plastic back.

11. The folding top cover described in Claim 10, wherein the mounting members terminate in the side walls of the flat-panel display.

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12. The mounting system described in Claim 10, wherein the mounting members comprise bolts that extend through the metal brackets and plastic back and engage bosses in the flat-panel display.

5 13. The mounting system described in Claim 9, wherein the plastic back provides no substantial rigid support for the top cover.

14. A flat-panel display comprising:
10 a top window;
a metal rim around a periphery of the window;
15 a plastic back behind the window; and
fixtures in the plastic back that are positioned to receive mounting members into
sidewall of the display.

15. A flat-panel display comprising:
a top window;
a metal rim around a periphery of the window
having at least one cutout portion formed
20 therein; and
a back-light for the display, at least one
end of which extends through the cutout portion
of the rim.

16. The flat-panel display described in Claim 15, wherein
25 both ends of the back-light extend through cutout
portions in the rim.

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17. A method for mounting a flat-panel display in a folding top cover of a portable computer, the method comprising:

providing fixtures in the sidewalls of the display; and

laterally inserting mounting members to engage the fixtures.

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18. The method described in Claim 17, further comprising inserting the members through a sidewall of the top cover.

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19. The method system described in Claim 17, further comprising providing bolt-type mounting members.

20. The method described in Claim 17, further providing metal brackets through which the lateral mounting members extend.

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